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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/071,540	02/08/2002	Attilio Rimoldi	005826.P001	9878

8791 7590 07/09/2003

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EXAMINER

CABRERA, ZOILA E

ART UNIT	PAPER NUMBER
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2125

DATE MAILED: 07/09/2003

3

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/071,540

Applicant(s)

RIMOLDI ET AL.

Examiner

Zoila E. Cabrera

Art Unit

2125

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>2</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by **Cesare (US 6,360,357)**.

With respect to claims 1-10, **Cesare** discloses a method comprising:

- providing a plurality of behavioral parameters associated with a design feature selected by a user (Col. 1, lines 36-42; Col. 2, lines 2-4 and lines 17-19; Col. 2, lines 20-24; Col. 5, lines 27-39);
receiving one or more of the plurality of behavioral parameters from the user (Col. 2, lines 4-8; Col. 2, lines 25-27; Col. 4, lines 31-33; Col. 5, lines 1-9); and
modeling the design feature based on the one or more of the plurality of behavioral parameters (Col. 2, lines 28-35; Fig. 4, i.e., Hole definition; Col. 5, lines 62-67; Col. 5, lines 1-9);
- the one or more of the plurality of the behavioral parameters reflect functionality intended by the user for the design feature (Col. 4, lines 31-37);

- receiving a user request to modify a geometric parameter of the design feature (Col. 5, lines 3-9); and modifying the geometry of the design feature while maintaining the intended functionality of the design feature (Col. 5, lines 26-39);
- receiving one or more geometric parameters pertaining to the design feature from the user (Col. 5, lines 3-9);
- displaying a user interface facilitating selection of the one or more behavioral parameters by the user (Fig. 6; Col. 5, lines 40-45 and lines 58-65);
- displaying the modeled design feature on a screen (Fig. 4);
- defining a plurality of behavioral parameters for each of a plurality of design features using a set of rules associated with a corresponding application (Col. 6, lines 38-52);
- calculating geometry of the design feature based on the one or more of the plurality of behavioral parameters (Col. 6, lines 38-52 and lines 60-67);
- determining a relation between the current design feature and a previously created design feature based on the one or more of the plurality of behavioral parameters (Figs. 6-7, element 230; Col. 5, lines 66-67 to Col. 6, lines 1-6);
- receiving a user request to modify a geometric parameter of the previously created design feature (Col. 5, lines 1-9); modifying the previously created design feature (Fig. 5; Col. 5, lines 23-26); and adjusting the current design feature to maintain functionality defined by the one or more of the plurality of behavioral parameters (Col. 6, lines 38-52; Col. 5, lines 31-39).

Regarding claims 11-21, the same limitations applied to claims 1-10 apply as well for claims 11-21.

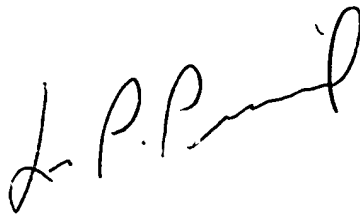
Conclusion

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning communication or earlier communication from the examiner should be directed to Zoila Cabrera, whose telephone number is (703) 306-4768. The examiner can normally be reached on M-F from 8:00 a.m. to 5:30 p.m. EST (every other Friday).

If attempts to reach the examiner by phone fail, the examiner's supervisor, Leo Picard, can be reached on (703) 308-0538. Additionally, the fax phones for Art Unit 2125 are (703) 308-6306 or 308-6296. Any inquiry of a general nature or relating to the status of this application should be directed to the group receptionist at (703) 305-9600.

Zoila Cabrera
Patent Examiner
7/7/03

A handwritten signature in black ink, appearing to read 'L. Picard', with a stylized, cursive flourish extending from the end.

LEO PICARD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100